Industry/TSTF Standard Technical Specification Change Traveler

Eliminate reference to Manual Trip in Bases

Priority/Classification 4) Change Bases

NUREGs Affected: ☐ 1430 ☐ 1431 ☑ 1432 ☐ 1433 ☐ 1434

Description:

Revise the Bases for SR 3.3.1.6 to remove the phrase, "and Manual Trip" from the Bases, and "The Manual Trip Function can be either tested at power or shutdown; however, the simplicity of this circuitry and the absence of drift concern makes this Frequency adequate. Additionally, operating experience has shown that these components usually pass the Surveillance when performed at a Frequency of once per 7 days prior to each reactor startup."

Justification:

The Manual Trip function of the RPS is addressed in LCO 3.3.3, RPS Logic and Trip Initiation, not in LCO 3.3.1 - RPS Instrumentation - Operating. SR 3.3.1.6 does not test Manual Trip.
Therefore, this discussion is inaccurate and should be removed.

Revision History

OG Revision 0 **Revision Status: Active** **Next Action:**

Revision Proposed by: Calvert Cliffs

Revision Description:
Original Issue

Owners Group Review Information

Date Originated by OG: 24-Oct-96

Owners Group Comments
(No Comments)

Owners Group Resolution: Approved Date: 24-Oct-96

TSTF Review Information

TSTF Received Date: 04-Nov-96 Date Distributed for Review 20-Jan-97

OG Review Completed: ☑ BWOG ☑ WOG ☑ CEOG ☑ BWROG

TSTF Comments:

WOG - Not applicable, accepts
BWOG - Not applicable, accepts
BWROG - Not applicable, accepts

TSTF Resolution: Approved Date: 06-Mar-97

NRC Review Information

NRC Received Date: 27-Mar-97 NRC Reviewer: SCHULTEN,

NRC Comments:

4/7/97 Rec'd pkg
4/10/97 Forwarded to reviewer.
10/2/97 - review pending.

Final Resolution: NRC Approves Final Resolution Date: 02-Dec-97

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Incorporation Into the NUREGs

File to BBS/LAN Date: TSTF Informed Date: TSTF Approved Date:

NUREG Rev Incorporated:

Affected Technical Specifications

SR 3.3.1.6 Bases RPS Instrumentation - Operating (Analog)

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TSTF-191

BASES

SURVEILLANCE REQUIREMENTS (continued)

SR 3.3.1.6

A CHANNEL FUNCTIONAL TEST on the Loss of Load, Power Rate of Change, and Manual Trip channels is performed prior to a reactor startup to ensure the entire channel will perform its intended function if required. The Loss of Load pressure sensor cannot be tested during reactor operation without closing the high pressure TSV, which would result in a turbine trip or reactor trip. The Power Rate of Change—High trip Function is required during startup operation and is bypassed when shut down or > 15% RTP. ~~The Manual Trip Function can either be tested at power or shutdown; however, the simplicity of this circuitry and the absence of drift concern makes this Frequency adequate. Additionally, operating experience has shown that these components usually pass the Surveillance when performed at a Frequency of once per 7 days prior to each reactor startup.~~

SR 3.3.1.7

SR 3.3.1.7 is a CHANNEL FUNCTIONAL TEST similar to SR 3.3.1.4, except SR 3.3.1.7 is applicable only to bypass Functions and is performed once within 92 days prior to each startup. Proper operation of bypass permissives is critical during plant startup because the bypasses must be in place to allow startup operation and must be removed at the appropriate points during power ascent to enable certain reactor trips. Consequently, the appropriate time to verify bypass removal function OPERABILITY is just prior to startup. The allowance to conduct this test within 92 days of startup is based on the reliability analysis presented in topical report CEN-327, "RPS/ESFAS Extended Test Interval Evaluation" (Ref. 9). Once the operating bypasses are removed, the bypasses must not fail in such a way that the associated trip Function gets inadvertently bypassed. This feature is verified by the trip Function CHANNEL FUNCTIONAL TEST, SR 3.3.1.4. Therefore, further testing of the bypass function after startup is unnecessary.

SR 3.3.1.8

SR 3.3.1.8 is the performance of a CHANNEL CALIBRATION every [18] months.

(continued)